

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
23 June 2005 (23.06.2005)

PCT

(10) International Publication Number  
**WO 2005/057114 A1**

(51) International Patent Classification<sup>7</sup>: F28B 1/06, 9/08

(21) International Application Number:  
PCT/AU2004/001754

(22) International Filing Date:  
13 December 2004 (13.12.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
2003906878 12 December 2003 (12.12.2003) AU

(71) Applicant (for all designated States except US):  
**SUN2WATER TECHNOLOGIES PTY LIMITED**  
[AU/AU]; 5 The Ave of the Allies, Tanilba Bay, New South  
Wales 2319 (AU).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **JONES, Darryl,**  
**John** [AU/AU]; 5 The Ave of the Allies, Tanilba Bay,  
New South Wales 2319 (AU). **COLLINS, Graeme, Allan**  
[AU/AU]; 33 Ferodale Road, Medowie, New South Wales  
2318 (AU).

(74) Agent: **BLAKE DAWSON WALDRON PATENT SER-**  
**VICES**; Level 36 Grosvenor Place, 225 George Street,  
Sydney, New South Wales 2000 (AU).

(81) Designated States (unless otherwise indicated, for every  
kind of national protection available): AE, AG, AL, AM,  
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,  
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,  
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,  
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,  
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,  
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,  
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,  
ZW.

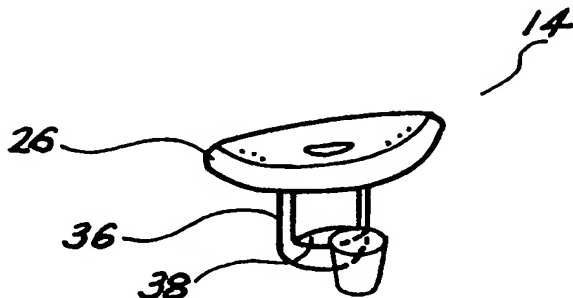
(84) Designated States (unless otherwise indicated, for every  
kind of regional protection available): ARIPO (BW, GH,  
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,  
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),  
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,  
FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,  
SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN,  
GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guid-  
ance Notes on Codes and Abbreviations" appearing at the begin-  
ning of each regular issue of the PCT Gazette.

(54) Title: WATER CONDENSOR APPARATUS



(57) Abstract: An apparatus for collecting water from ambi-  
ent air is disclosed. The apparatus comprises a refrigeration  
for cooling of at least one condensation surface to affect the  
condensation of water from the air on to the condensation sur-  
face from which the water is collected. In a preferred form,  
the collected water is pumped to a remotely located dispenser  
unit from dispensing the water.

WO 2005/057114 A1